

Amendments to the Claims

The listing of the claims will replace all prior versions, and listings, of claims on this application:

Listing of Claims:

Claim 1 (Currently Amended) A method for inhibiting lipid oxidation associated with a condition in a patient, comprising: administering to a patient a composition comprising a pharmacologically effective amount of an apolipoprotein (apo) A-IV ~~compound~~ peptide or derivative, analog, homolog, or fragment thereof, to inhibit lipid oxidation, wherein the apolipoprotein A-IV ~~compound~~ is a peptide sequence of ~~is~~ from 6 to 71 amino acids in length and wherein the peptide or derivative, analog, homolog, or fragment thereof has substantially the same lipid oxidation properties as the apolipoprotein A-IV ~~compound~~ molecule.

Claims 2-3 (Cancelled)

Claim 4 (Currently Amended) A The method according to claim 3 ~~1~~ wherein the peptide has an amino acid sequence comprising: Met-Lys-Arg-Gln-Leu-Thr-Pro-Tyr-Ile-Gln-Arg (SEQ ID NO:5)[[:]] , or a derivative, analog, homolog, or fragment of said sequence, ~~or a mixture of said amino acid sequences, wherein the derivatives, analogs, homologs, fragments and mixtures have substantially the same lipid oxidation properties as the peptide.~~

Claim 5 (Currently Amended) A The method according to claim 1 wherein the composition further comprises at least one ingredient selected from the group consisting of carriers, fillers, and excipients.

Claim 6 (Currently Amended) A The method according to claim 1 wherein the composition further comprises a lipophilic compound.

Claim 7 (Currently Amended) A The method according to claim 6 wherein the lipophilic compound is selected from the group consisting of organic solvents, phosphatidyl choline, cholesterol and mixtures thereof.

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Claim 8 (Currently Amended) A The method according to claim 1 wherein the administering comprises oral administering.

Claim 9 (Currently Amended) A The method according to claim 1 wherein the administering comprises parenteral administering.

Claim 10 (Currently Amended) A The method according to claim 9 wherein the administering is a dosing method selected from the group consisting of transdermal administering, subcutaneous injecting, intravenous injecting, intraperitoneal injecting, intramuscular injecting, intrasternal injection, intrathecal injection, intraventricular injecting, intracerebroventricular injecting, and infusing.

Claim 11 (Currently Amended) A The method according to claim 1 wherein the composition is administered to a patient in a unitary dose of from about 1 to about 1000 mg.

Claim 12 (Currently Amended) A The method according to claim 11 wherein the unitary dose is administered to the patient from 1 to about 3 times a day.

Claim 13 (Currently Amended) A method of inhibiting the progression of atherosclerosis in a patient in need thereof comprising administering to the patient a composition comprising an effective anti-oxidation amount of a compound of claim 1 an apolipoprotein (apo) A-IV peptide or derivative, analog, homolog, or fragment thereof, to inhibit the progression of atherosclerosis, wherein the apolipoprotein A-IV peptide is from 6 to 71 amino acids in length and wherein the peptide or derivative, analog, homolog, or fragment thereof has substantially the same lipid oxidation properties as the apolipoprotein A-IV molecule.

Claim 14 (Currently Amended) A method of treating a patient for atherosclerosis comprising administering to the patient a composition comprising an effective anti-oxidation amount of a compound of claim 1 an apolipoprotein (apo) A-IV peptide or derivative, analog, homolog, or fragment thereof, to inhibit the progression of atherosclerosis, wherein the apolipoprotein A-IV peptide is from 6 to 71 amino acids in length and wherein the peptide or derivative, analog, homolog, or fragment thereof has substantially the same lipid oxidation properties as the apolipoprotein A-IV molecule.

Claim 15-18 (Cancelled)

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Claim 19 (Currently Amended) The method of according to claim 1 wherein said peptide comprises: Met-Lys-Arg-Gln-Leu-Thr-Pro-Tyr-Ile-Gln-Arg (SEQ ID NO:5).

Claims 20-62 (Cancelled)

Claim 63 (New) The method according to claim 1, wherein a derivative, analog, homolog, or fragment of said peptide that has substantially the same lipid oxidation properties as the peptide is administered.